

11/15/02

**Reporting of Milestones and Outcomes/Results for EPA's
Enforcement and Compliance Assurance Grants**

Reporting Period: Year: 2004

- ☐ Oct-Dec (due last working day Jan)
☐ Jan-Mar (due last working day Apr)
☐ Apr-Jun (due last working day Jul)
☐ Jul-Sep (due last working day Oct)
☒ Final Report

I. Information

State/Tribe/University or Department: **Indiana Department of Environmental Management**

Title of Projects: **Prototype Sector Model for Outcome-Based Performance Measures (Federal Grant #X975270-01); Aerial Flyover Project (Federal Grant #EA965310-01)**

Grant Contact Person: **Pam O'Rourke; Chief, Office of Water Quality/Operations Section; 100 North Senate Avenue, Indianapolis, IN 46206; phone- 317/233-8283; fax- 317/234-4145; e-mail- porourke@idem.in.gov**

Funds Received by Grantee (Date and amount): **August 10, 2000, \$190,000 (Prototype project); September 26, 2003, \$50,000 (Aerial Flyover project)**

EPA Regional Project Officer: **Linda Mangrum (Region 5)**

EPA Regional Technical Contact:

Author of report: **Pam O'Rourke**

II. Status of Project Milestones

Significant milestones for the project should be entered into this table at the beginning of the grant period and should appear in every report (unless it is dropped from the project). With each report, please fill in dates or add milestones as appropriate. If dates or milestones are adjusted in subsequent reports, please indicate this in the comment field or in text below the table.

Project Milestones and/or comments	Anticipated Completion Date	Completion Date
Finalize arrangements with IDEM Information Technology staff to provide project support on use of Indiana RCRA Activity Tracking System's (IRATS) database as a model for the Compliance Activity Reporting System (CARS) project database.	July 1, 2001	June 3, 2002
Define universe of auto salvage facilities to be included in project.	August 1, 2001	July 3, 2001

Project Milestones and/or comments	Anticipated Completion Date	Completion Date
Identify and assemble multimedia project staff group.	May 31, 2001	May 9, 2001
Identify additional technical staff.	June 15, 2001	May 9, 2001
Obtain copy of ArcView Spatial Analyst GIS software. Comment: Arrangements have been made with IDEM's IT group to provide GIS support, therefore purchase of this software will not be necessary.	October 1, 2002	July 20, 2001
Develop multimedia inspection checklist.	October 1, 2001	January 7, 2003
Examine available information and determine pre-initiative compliance rates.	June 1, 2003	* See below
Coordinate Global Positioning System (GPS) measurement program with the Indiana Department of Natural Resources (IDNR).	May 1, 2003	July 9, 2003
Convey list of auto salvage facilities to all local health departments and seek input on the list.	September 1, 2000	September 1, 2000
Develop distribution of categories for measured parameters for use in post-project compliance rate measurement.	November 1, 2003	** See below
Finalize multimedia audit checklist and compliance assistance manual for the public.	April 15, 2003	April 23, 2003
Develop training workshop agenda and complete arrangements for training locations and other administrative details.	April 1, 2003	April 23, 2003
Mail invitations for training workshops.	April 1, 2003	April 23, 2003
Publicize project in IDEM external publications, press releases, and notices to appropriate trade associations.	June 1, 2003	April 10, 2003
Continually update tracking database with output activities.	June 30, 2004	July 30, 2004
Promote IDEM's Self-disclosure policy.	July 30, 2004	July 30, 2004
Determine priority areas for purposes of compliance evaluation inspection targeting.	August 31, 2003	September 30, 2003
Conduct project staff cross-training.	August 31, 2003	August 31, 2003
Distribute compliance assistance manual and brochures.	April 15, 2003	April 23, 2003

Project Milestones and/or comments	Anticipated Completion Date	Completion Date
Place compliance manual and workshop information on IDEM's website. (http://www.in.gov/idem/autosalvage/index.html)	April 15, 2003	April 11, 2003
Conduct 11 training workshops throughout the state.	June 15, 2003	July 23, 2003
Offer and conduct on-site audits of auto salvage facilities.	July 30, 2004	July 30, 2004
Utilize database and GIS information to target facilities for compliance evaluation inspections in priority areas.	August 31, 2003	October 31, 2003
Review pre-and post-workshop surveys to determine whether an increase in knowledge and understanding of environmental rules has occurred as a result of the individual's workshop attendance.	August 31, 2003	July 30, 2004
Conduct compliance evaluation inspections.	November 3, 2003	July 30, 2004
Coordinate and participate in aerial flyovers of all auto salvage facilities targeted for inspection. Based on results of flyovers, retain, add or remove facilities from the list. Comment: This milestone was funded by a separate EPA grant and was conducted in cooperation with the Indiana State Police. Flyovers were conducted from November, 2003 through May, 2004.	May 31, 2004	May 31, 2004
Initiate timely and appropriate enforcement actions.	July 30, 2004	July 30, 2004
Begin follow-up inspections to determine new or recurrent significant violations	November 1, 2003	July 30, 2004
Contact the Indiana State Police (ISP) to obtain additional aerial photographs of facilities, where necessary.	July 30, 2004	July 30, 2004
Make non-notifier referrals to the Indiana Bureau of Motor Vehicles, as appropriate.	July 30, 2004	July 30, 2004
Make referrals to IDEM's Office of Criminal Investigations, as appropriate.	July 30, 2004	July 30, 2004
Identify improvements resulting from integrated enforcement and compliance assurance activities.	July 30, 2004	*** See below
Continue follow-up inspections and documentation of new or recurrent significant violations.	July 30, 2004	July 30, 2004
Begin to determine post-initiative compliance rates.	June 1, 2004	*** See below
Analyze environmental indicators.	July 1, 2004	*** See below

* Upon review of available information, it was determined that compliance with IDEM's stormwater program was the only information available concerning compliance rates. A very large percentage of these facilities were not included in any databases maintained in IDEM's Office of Air Quality or Office of Land Quality, therefore compliance with rules contained within the jurisdiction of those programs could not be determined.

** Post-project compliance rate measurement could not be finalized due to the fact that all enforcement actions resulting from inspections conducted as part of the project had not been concluded by the project completion date. Enforcement actions are on-going as of April 7, 2006.

*** This milestone could not be met due to the fact that all enforcement actions resulting from inspections conducted as part of the project had not been concluded by the project completion date. Enforcement actions are on-going as of April 7, 2006.

III. Project Status.

Project completion date: **July 30, 2004**

IV. Results/Outcomes: (Both planned and actual - to be updated with each report) Outcome measures include changes in awareness and understanding, changes in behavior, and environmental and human health improvements.

Describe results and attach additional information if necessary.

Outcome Measurement	Anticipated Completion Date	Completion Date (or explanation as to why measurement could not be completed)
Determine pre- and post- initiative compliance rates.	July 30, 2004	* See below
Determine change in compliance rates between beginning and end of project.	July 30, 2004	* See below
Determine number of facilities disclosing and correcting violations as a result of IDEM's "Self-Disclosure and Environmental Audit Policy."	July 30, 2004	July 30, 2004
Determine total amount of contaminated soil removed from facilities directed to do so as part of an enforcement actions issued in response to project inspections.	July 30, 2004	* See below
Conduct followup inspections to determine level of compliance after the issuance of an enforcement action.	July 30, 2004	* See below

* This milestone could not be met due to the fact that all enforcement actions resulting from inspections conducted as part of the project had not been concluded by the project completion date. Enforcement actions are on-going as of April 7, 2006.

V. Other

Reports should be sent to your EPA Regional Project Officer, and to David Piantanida at the email or address below.

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